

2/2.8

#2



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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/066,151

DATE: 02/25/2002 P.5  
TIME: 10:01:47

Input Set : A:\10861-004002.TXT  
Output Set: N:\CRF3\02252002\J066151.raw

4 <110> APPLICANT: Hogan, Patrick G.  
5 Rao, Anjana  
6 Aramburu, Jose  
8 <120> TITLE OF INVENTION: SPECIFIC INHIBITORS OF NFAT ACTIVATION  
9 BY CALCINEURIN AND THEIR USE IN TREATING IMMUNE-RELATED  
10 DISEASES  
12 <130> FILE REFERENCE: 10861-004002  
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/066,151  
C--> 14 <141> CURRENT FILING DATE: 2002-01-31  
14 <150> PRIOR APPLICATION NUMBER: 09/248,620  
15 <151> PRIOR FILING DATE: 1999-02-11  
17 <150> PRIOR APPLICATION NUMBER: 60/074,467  
18 <151> PRIOR FILING DATE: 1998-02-12  
20 <160> NUMBER OF SEQ ID NOS: 114  
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 5  
26 <212> TYPE: PRT  
27 <213> ORGANISM: Homo sapiens  
29 <400> SEQUENCE: 1  
30 Arg Ile Glu Ile Thr  
31 1 5  
33 <210> SEQ ID NO: 2  
34 <211> LENGTH: 5  
35 <212> TYPE: PRT  
36 <213> ORGANISM: Homo sapiens  
38 <400> SEQUENCE: 2  
39 Ser Ile Arg Ile Thr  
40 1 5  
42 <210> SEQ ID NO: 3  
43 <211> LENGTH: 5  
44 <212> TYPE: PRT  
45 <213> ORGANISM: Homo sapiens  
47 <400> SEQUENCE: 3  
48 Ser Ile Gln Ile Thr  
49 1 5  
51 <210> SEQ ID NO: 4  
52 <211> LENGTH: 5  
53 <212> TYPE: PRT  
54 <213> ORGANISM: Mus musculus  
56 <400> SEQUENCE: 4  
57 Ser Ile Gln Phe Thr  
58 1 5

RAW SEQUENCE LISTING  
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60 <210> SEQ ID NO: 5
61 <211> LENGTH: 6
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 5
66 Pro Arg Ile Glu Ile Thr
67 1 5
69 <210> SEQ ID NO: 6
70 <211> LENGTH: 6
71 <212> TYPE: PRT
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 6
75 Pro Ser Ile Arg Ile Thr
76 1 5
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 6
80 <212> TYPE: PRT
81 <213> ORGANISM: Mus musculus
83 <400> SEQUENCE: 7
84 Pro Ser Ile Gln Phe Thr
85 1 5
87 <210> SEQ ID NO: 8
88 <211> LENGTH: 7
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 8
93 Ser Pro Arg Ile Glu Ile Thr
94 1 5
96 <210> SEQ ID NO: 9
97 <211> LENGTH: 7
98 <212> TYPE: PRT
99 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 9
102 Cys Pro Ser Ile Arg Ile Thr
103 1 5
105 <210> SEQ ID NO: 10
106 <211> LENGTH: 7
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 10
111 Cys Pro Ser Ile Gln Ile Thr
112 1 5
114 <210> SEQ ID NO: 11
115 <211> LENGTH: 7
116 <212> TYPE: PRT
117 <213> ORGANISM: Mus musculus
119 <400> SEQUENCE: 11
120 Cys Pro Ser Ile Gln Phe Thr
121 1 5
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PATENT APPLICATION: US/10/066,151

DATE: 02/25/2002

TIME: 10:01:47

Input Set : A:\10861-004002.TXT

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123 <210> SEQ ID NO: 12
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125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 12
129 Ser Pro Arg Ile Glu Ile Thr Pro
130 1 5
132 <210> SEQ ID NO: 13
133 <211> LENGTH: 8
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 13
138 Ser Pro Arg Ile Glu Ile Thr Ser
139 1 5
141 <210> SEQ ID NO: 14
142 <211> LENGTH: 8
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 14
147 Cys Pro Ser Ile Arg Ile Thr Ser
148 1 5
150 <210> SEQ ID NO: 15
151 <211> LENGTH: 8
152 <212> TYPE: PRT
153 <213> ORGANISM: Homo sapiens
155 <400> SEQUENCE: 15
156 Cys Pro Ser Ile Gln Ile Thr Ser
157 1 5
159 <210> SEQ ID NO: 16
160 <211> LENGTH: 8
161 <212> TYPE: PRT
162 <213> ORGANISM: Mus musculus
164 <400> SEQUENCE: 16
165 Cys Pro Ser Ile Gln Phe Thr Ser
166 1 5
168 <210> SEQ ID NO: 17
169 <211> LENGTH: 9
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 17
174 Ser Pro Arg Ile Glu Ile Thr Pro Ser
175 1 5
177 <210> SEQ ID NO: 18
178 <211> LENGTH: 9
179 <212> TYPE: PRT
180 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 18
183 Ser Pro Arg Ile Glu Ile Thr Ser Cys
184 1 5
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/066,151

DATE: 02/25/2002

TIME: 10:01:47

Input Set : A:\10861-004002.TXT

Output Set: N:\CRF3\02252002\J066151.raw

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186 <210> SEQ ID NO: 19
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188 <212> TYPE: PRT
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191 <400> SEQUENCE: 19
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193 1 5
195 <210> SEQ ID NO: 20
196 <211> LENGTH: 9
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 20
201 Cys Pro Ser Ile Gln Ile Thr Ser Ile
202 1 5
204 <210> SEQ ID NO: 21
205 <211> LENGTH: 9
206 <212> TYPE: PRT
207 <213> ORGANISM: Mus musculus
209 <400> SEQUENCE: 21
210 Cys Pro Ser Ile Gln Phe Thr Ser Ile
211 1 5
213 <210> SEQ ID NO: 22
214 <211> LENGTH: 13
215 <212> TYPE: PRT
216 <213> ORGANISM: Mus musculus
218 <400> SEQUENCE: 22
219 Ser Gly Pro Ser Pro Arg Ile Glu Ile Thr Pro Ser His
220 1 5 10
222 <210> SEQ ID NO: 23
223 <211> LENGTH: 13
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 23
228 Ser Gly Leu Ser Pro Arg Ile Glu Ile Thr Pro Ser His
229 1 5 10
231 <210> SEQ ID NO: 24
232 <211> LENGTH: 13
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 24
237 Ala Leu Glu Ser Pro Arg Ile Glu Ile Thr Ser Cys Leu
238 1 5 10
240 <210> SEQ ID NO: 25
241 <211> LENGTH: 13
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
245 <400> SEQUENCE: 25
246 Val Leu Glu Cys Pro Ser Ile Arg Ile Thr Ser Ile Ser
247 1 5 10

```

## RAW SEQUENCE LISTING

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Input Set : A:\10861-004002.TXT

Output Set: N:\CRF3\02252002\J066151.raw

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249 <210> SEQ ID NO: 26
250 <211> LENGTH: 13
251 <212> TYPE: PRT
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 26
255 Pro Phe Glu Cys Pro Ser Ile Gln Ile Thr Ser Ile Ser
256 1 5 10
258 <210> SEQ ID NO: 27
259 <211> LENGTH: 13
260 <212> TYPE: PRT
261 <213> ORGANISM: Mus musculus
263 <400> SEQUENCE: 27
264 Pro Phe Glu Cys Pro Ser Ile Gln Ile Thr Ser Ile Ser
265 1 5 10
267 <210> SEQ ID NO: 28
268 <211> LENGTH: 13
269 <212> TYPE: PRT
270 <213> ORGANISM: Mus musculus
272 <400> SEQUENCE: 28
273 Pro Phe Glu Cys Pro Ser Ile Gln Phe Thr Ser Ile Ser
274 1 5 10
276 <210> SEQ ID NO: 29
277 <211> LENGTH: 25
278 <212> TYPE: PRT
279 <213> ORGANISM: Mus musculus
281 <400> SEQUENCE: 29
282 Lys Pro Ala Gly Ala Ser Gly Pro Ser Pro Arg Ile Glu Ile Thr Pro
283 1 5 10 15
284 Ser His Glu Leu Met Gln Ala Gly Gly
285 20 25
287 <210> SEQ ID NO: 30
288 <211> LENGTH: 25
289 <212> TYPE: PRT
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 30
293 Lys Pro Ala Gly Ala Ser Gly Leu Ser Pro Arg Ile Glu Ile Thr Pro
294 1 5 10 15
295 Ser His Glu Leu Ile Gln Ala Val Gly
296 20 25
298 <210> SEQ ID NO: 31
299 <211> LENGTH: 25
300 <212> TYPE: PRT
301 <213> ORGANISM: Homo sapiens
303 <400> SEQUENCE: 31
304 Pro Asp Gly Ala Pro Ala Leu Glu Ser Pro Arg Ile Glu Ile Thr Ser
305 1 5 10 15
306 Cys Leu Gly Leu Tyr His Asn Asn Asn
307 20 25
309 <210> SEQ ID NO: 32

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.



## VERIFICATION SUMMARY

DATE: 02/25/2002

PATENT APPLICATION: US/10/066,151

TIME: 10:01:48

Input Set : A:\10861-004002.TXT

Output Set: N:\CRF3\02252002\J066151.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73  
L:698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104